Table 1C (1) **2010 Pediatric Nutrition Surveillance**

Iowa

Summary of Demographic Indicators Children Aged < 5 Years (2,3)

| Total Records | Number |
|----------------------------|---------|
| Individual Children | 79,424 |
| Total Records (All Visits) | 133,692 |
| | |
| | |
| | |

| Source of Data | Number | % |
|---|--------------------------------------|--|
| WIC EPSDT Child Health-MCH Child Health-HMO Headstart School Health Other | 79,424 0 0 0 0 0 0 | 100.0 0.0 0.0 0.0 0.0 0.0 |
| Total Excluded Unknown: 0 0.0 % | 79,424 | 100.0 |

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| Race/Ethnic Distribution | Number | % |
|--|--|---|
| White, Not Hispanic Black, Not Hispanic Hispanic American Indian/Alaska Native Asian/Pacific Islander Multiple Races All Other | 49,161 6,583 17,378 322 1,298 4,013 | 62.4 8.4 22.1 0.4 1.6 5.1 0.0 |
| Total Excluded Unknown: 669 0.8 % | 78,755 | 100.0 |

| Age Distribution (4) | Number | % |
|--|--|--------------------------------------|
| 0 - 5 Months 6 - 11 Months 12 - 23 Months 24 - 35 Months 3 - 4 Years | 17,512 10,173 15,264 13,387 23,088 | 22.0 12.8 19.2 16.9 29.1 |
| Total | 79,424 | 100.0 |

| % of Pove | erty Level | | Number | % |
|----------------------|---------------|-------|--------|-------|
| 0-50 | | | 25,744 | 32.7 |
| 51-100 | | | 25,517 | 32.4 |
| 101-130 | | | 11,670 | 14.8 |
| 131-150 | | | 5,905 | 7.5 |
| 151-185 | | | 7,108 | 9.0 |
| 186-200 | | | 775 | 1.0 |
| Over 200 | | | 1,917 | 2.4 |
| Adjunctive | e Eligibility | | 0 | 0.0 |
| Total | | | 78,636 | 100.0 |
| Excluded Unknown: | 788 | 1.0 % | | |

| Program Participation | Number | % |
|--|--------------------------------------|--------------|
| WIC SNAP Medicaid TANF | 79,424 79,422 79,422 79,422 | 30.8 73.1 |
| Excluded Unknown: WIC SNAP Medicaid TANF | 0 2 2 2 | 0.0 |

| Migrant Status | | | Number | % |
|-------------------------------------|-----|-------|--------|-------|
| Yes | | | 39 | * |
| No | | | 79,209 | 100.0 |
| Total Excluded Unknown | 176 | 0.2 % | 79,248 | 100.0 |



⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

Records rejected if date of birth and date of visit unknown.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

Summary of Health Indicators Children Aged < 5 Years (2)

| S | Summary of Healt | h Indicators | (3) | | | |
|---|-----------------------------------|----------------------------|----------------------|-------------------------------------|----------------------|--|
| | | lowa Prevalei | | | ence | |
| | | Number | % | Number | % | |
| Birthweight (4) Low High | < 2500 g > 4000 g | 17,441 17,441 | 8.8 7.6 | 1,961,342 1,961,342 | 8.9 6.4 | |
| Height and Weight Short Stature (5) | < 5th < 10th | 77,729 77,729 | 5.5 10.0 | 8,451,215 8,451,215 | 6.0 10.8 | |
| Underweight (6) | < 5th < 10th | 77,729 77,729 | 3.0 5.4 | 8,451,215 8,451,215 | 4.3 7.5 | |
| Obese (6) ≥ 2 Yrs Overweight (6) | ≥ 95th 85th - < 95th ≥ 95th | 77,729 35,783 35,783 | 13.5 17.2 14.7 | 8,451,215 3,678,355 3,678,355 | 14.0 16.4 14.7 | |
| Anemia (7) Low Hb Low Hct Low Hb/Hct | | 53,693 342 53,886 | 7.5 10.5 7.5 | 5,201,886 538,293 5,524,196 | 15.1 11.6 14.9 | |
| Breastfeeding (8) Ever Breastfed Breastfed At Least 6 Mon | | 17,896 14,692 11,795 | 60.6 16.4 9.8 | 1,769,160 911,779 1,092,573 | 61.7 27.0 18.5 | |
| Smoking in Household ≤ 2 Hours TV Viewing/ Day | (9) | 75,422 33,261 | 9.3 84.3 | 4,355,723 1,022,933 | 10.2 77.3 | |

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Infants born during the reporting period included in the analysis.
- (5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.
- (6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.
- (7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- (8) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (9) Children aged 2 years and older included in the analysis.
- * Percentages are not calculated if < 100 records are available for analysis after exclusions.</p>



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Summary of Breastfeeding Indicators Children Aged < 5 Years (2)

| Summary of B | Summary of Breastfeeding Indicators (3) | | | | | | | | | |
|---|--|--------------------------------------|---|--------------------------------------|--|--|--|--|--|--|
| | lowa Prevalence | | Nationa Prevalend (Prior Yea | e | | | | | | |
| | Number | % | Number | % | | | | | | |
| Breastfeeding Duration (4,5) | | | | | | | | | | |
| Ever Breastfed | 17,896 | 60.6 | 1,769,160 | 61.7 | | | | | | |
| Breastfed 1+ Weeks Breastfed 2+ Weeks Breastfed 3+ Weeks Breastfed 4+ Weeks Breastfed 6+ Weeks | 16,631 14,732 13,677 12,989 12,026 | 56.8 52.8 47.5 43.1 36.0 | 1,499,573 1,164,141 947,758 826,300 704,088 | 58.7 56.4 53.6 50.9 44.6 | | | | | | |
| Breastfed 2+ Months Breastfed 3+ Months Breastfed 4+ Months Breastfed 5+ Months Breastfed 6+ Months | 12,270 13,221 13,826 14,978 14,692 | 30.0 24.2 20.9 17.9 16.4 | 665,172 714,931 806,269 904,357 911,779 | 39.2 34.5 31.0 28.2 27.0 | | | | | | |
| Breastfed 9+ Months Breastfed 12+ Months | 11,696 11,795 | 12.2 9.8 | 1,050,661 1,092,573 | 21.8 18.5 | | | | | | |
| Breastfed 18+ Months | 8,756 | 7.2 | 862,440 | 10.1 | | | | | | |
| Exclusive Breastfeeding (6) | | | | | | | | | | |
| Exclusively Breastfed at Least 3 Months Exclusively Breastfed at Least 6 Months | 13,054 14,404 | 11.4 6.4 | 317,037 420,655 | 9.9 5.3 | | | | | | |

⁽¹⁾ Reporting period is January 1 through December 31.



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⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. For each breastfeding duration category, the analysis includes only children who turned that age during the reporting period by/on their date of visit. For example, infants who turned 9 months old during the reporting period by/on their date of visit are included in the 9+ months analysis.

⁽⁵⁾ It is possible the analysis will show that slightly more infants are breastfed at older ages, e.g. 1+ week of age, than at younger ages, e.g. at birth (ever breastfed), due to variation in infants included in each breastfeeding analysis category.

⁽⁶⁾ The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Comparison of Racial and Ethnic Distribution by Contributor to Nation Children Aged < 5 Years (2)

| Comparison of Racial and Ethnic Distribution | | | | | | | | | |
|--|-----------------------|------------------------|------------------------|----------|-------------------------------------|---------------------------|----------------|------------------------|--|
| Contributor | Number Included in | White, Not Hispanic | Black, Not Hispanic | Hispanic | American Indian/Alaska Native | Asian/Pacific Islander | Multiple Races | All Other / Unknown | |
| | Analysis (3) | % | % | % | % | % | % | % | |
| Iowa | 79,424 | 61.9 | 8.3 | 21.9 | 0.4 | 1.6 | 5.1 | 0.8 | |
| Nation (Prior Year) | 8,938,527 | 31.8 | 18.7 | 40.6 | 0.9 | 2.6 | 2.5 | 3.0 | |



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⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.

⁽³⁾ Excludes records with errors.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Comparison of Age Distribution by Contributor to Nation Children Aged < 5 Years (2)

| Comparison of Age Distribution | | | | | | | | | |
|--------------------------------|--|--------------------|---------------------|---------------------|--|--|--|--|--|
| Contributor | Number Included in Analysis (3,4) | 0 - 11 Months % | 12 - 23 Months % | 24 - 59 Months % | | | | | |
| Iowa | 79,424 | 34.9 | 19.2 | 45.9 | | | | | |
| Nation (Prior Year) | 8,938,527 | 34.5 | 22.6 | 42.9 | | | | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Records rejected if date of birth and date of visit unknown.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Comparison of Growth and Anemia Indicators by Contributor to Nation Children Aged < 5 Years (2)

| | Comparison of Growth and Anemia Indicators (3) | | | | | | | | | | | |
|------------------------|--|--------------|--------------|-----------|-------------------------|-------------------------|-----------------------|----------|--------------------------------|------------|-----------------------------|------|
| | | Birthweigh | t (4) | | Height and Weight | | | | | | Anamia | |
| | | Low | High | | Short Stature (5) | Under- weight (6) | | | ≥ 2 Yrs Over- weight (6) | | Anemia Low Hb/Hct (7) | |
| Contributor | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th- <95th | % >95th | Number | % |
| Iowa | 17,441 | 8.8 | 7.6 | 77,729 | 5.5 | 3.0 | 13.5 | 35,783 | 17.2 | 14.7 | 53,886 | 7.5 |
| Nation (Prior Year) | 1,961,342 | 8.9 | 6.4 | 8,451,215 | 6.0 | 4.3 | 14.0 | 3,678,35 | 5 16.4 | 14.7 | 5,524,196 | 14.9 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children..

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor to Nation Children Aged < 5 Years (3)

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| | | Breastfeeding (5) | | | | | | Exclusive Breastfeeding (6) | | | | ≤2 Hours TV Viewing/Day (7) | | Smoking in Household | |
|------------------------|---------|------------------------|---------|--|----------|---|---------|--|---------|--|-----------|-----------------------------------|-----------|-------------------------|--|
| Contributor | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months | Number | % Breastfed At Least 3 Months | Number | % Breastfed At Least 6 Months | Number | % | Number | % | |
| lowa | 17,896 | 60.6 | 14,692 | 16.4 | 11,795 | 9.8 | 13,054 | 11.4 | 14,404 | 6.4 | 33,261 | 84.3 | 75,422 | 9.3 | |
| Nation (Prior Year) | 1,769,1 | 60 61.7 | 911,779 | 27.0 | 1,092,57 | 73 18.5 | 317,037 | 9.9 | 420,655 | 5.3 | 1,022,933 | 77.3 | 4,355,723 | 10.2 | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ TV Viewing and Smoking in Household data are not reported by all contributors.

⁽³⁾ Analyses based on one record per child.

⁽⁴⁾ Excludes records with unknown data or errors.

⁽⁵⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

⁽⁶⁾ The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

⁽⁷⁾ Children aged 2 years and older included in the analyses.

Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

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Growth and Anemia Indicators by Race/Ethnicity or Age Children Aged < 5 Years (2)

| | Growth | and An | emia In | dicators | by Rac | e/Ethr | nicity o | r Age ⁽ | 3) | | | | |
|-------------------------------|--------|--------------|------------|----------|-------------------------|-------------------------|-----------------------|--------------------|------------------------------|----------------------|--------|-----------------------|--|
| | Bi | rthweight (4 | \) | | | Hei | ght and W | eight/ | | | | | |
| | | Low % | High % | | Short Stature (5) | Under- weight (6) | Obese (6) | | ≥ 2 Yrs Overweight (6) | | Low H | emia Hb/Hct (7) | |
| | Number | <2500 g | >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th-<95th | % n <u>≥</u> 95th | Number | % | |
| Race/Ethnicity | | | | | | | | | | | | | |
| White, Not Hispanic | 11,088 | 8.9 | 8.2 | 48,383 | 5.7 | 3.2 | 12.5 | 21,703 | 17.0 | 13.1 | 32,998 | 6.3 | |
| Black, Not Hispanic | 1,372 | 12.4 | 4.2 | 6,388 | 5.4 | 4.0 | 11.7 | 3,086 | 14.7 | 11.8 | 4,465 | 16.9 | |
| Hispanic | 3,281 | 6.8 | 7.3 | 16,955 | 4.8 | 2.0 | 17.5 | 8,555 | 18.6 | 19.9 | 12,549 | 6.5 | |
| American Indian/Alaska Native | 72 | * | * | 312 | 4.5 | 1.0 | 23.4 | 131 | 19.1 | 21.4 | 213 | 4.7 | |
| Asian/Pacific Islander | 303 | 10.6 | 2.3 | 1,273 | 7.9 | 3.9 | 10.2 | 553 | 11.2 | 11.8 | 875 | 11.7 | |
| Multiple Races | 860 | 9.4 | 7.0 | 3,929 | 5.2 | 3.0 | 13.9 | 1,747 | 18.3 | 14.2 | 2,729 | 9.5 | |
| All Other | 465 | 6.2 | 8.8 | 489 | 11.0 | 1.8 | 8.2 | 8 | * | * | 57 | * | |
| Total | 17,441 | 8.8 | 7.6 | 77,729 | 5.5 | 3.0 | 13.5 | 35,783 | 17.2 | 14.7 | 53,886 | 7.5 | |
| Age | | | | | | | | | | | | | |
| 0 - 11 Months | _ | _ | _ | 26,930 | 8.0 | 4.1 | 10.3 | _ | * | * | 5,303 | 12.6 | |
| 12 - 23 Months | - | - | - | 15,016 | 5.7 | 2.1 | 16.6 | _ | * | * | 16,172 | 9.1 | |
| 24 - 35 Months | - | - | - | 13,242 | 3.9 | 2.8 | 12.1 | 13,242 | 16.2 | 12.1 | 12,266 | 8.0 | |
| 36 - 47 Months | - | - | - | 11,560 | 3.6 | 2.4 | 15.5 | 11,560 | 17.2 | 15.5 | 11,381 | 5.1 | |
| 48 - 59 Months | - | - | - | 10,981 | 3.2 | 2.3 | 16.9 | 10,981 | 18.3 | 16.9 | 8,764 | 3.7 | |
| Total | - | - | - | 77,729 | 5.5 | 3.0 | 13.5 | 35,783 | 17.2 | 14.7 | 53,886 | 7.5 | |

⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age Children Aged < 5 Years

| Breastfeeding, 7 | V Viewin | g, and S | Smoking | in Hous | sehold by | Race/ | Ethnicity | or Ag | e (4) | |
|-------------------------------|-------------------------------|----------|-----------------|--------------------------------------|-----------|---------------------------------------|-------------------------------|-------|-------------------------|------|
| | | | Breastfe (5) | | | | <2 Hou TV/Vid Viewing/E | eo | Smoking in Household | |
| | Number % Ever Breastfed | | | Number % Breastfed At Least 6 Months | | Number % Breastfed At Least 12 Months | | % | Number | % |
| Race/Ethnicity | | | | | | | | | | |
| White, Not Hispanic | 11,236 | 59.5 | 9,587 | 14.7 | 7,421 | 8.5 | 20,402 | 86.5 | 46,945 | 11.1 |
| Black, Not Hispanic | 1,412 | 49.2 | 1,139 | 17.0 | 965 | 10.5 | 2,645 | 75.0 | 6,173 | 9.3 |
| Hispanic | 3,355 | 72.4 | 2,762 | 22.8 | 2,530 | 13.3 | 8,033 | 82.1 | 16,551 | 4.3 |
| American Indian/Alaska Native | 73 | * | 74 | * | 44 | * | 133 | 74.4 | 296 | 7.1 |
| Asian/Pacific Islander | 312 | 73.7 | 254 | 31.5 | 205 | 24.9 | 490 | 78.2 | 1,224 | 4.9 |
| Multiple Races | 880 | 51.6 | 746 | 9.2 | 624 | 5.4 | 1,556 | 86.1 | 3,764 | 11.0 |
| All Other | 628 | 50.5 | 130 | 10.0 | 6 | * | 2 | * | 469 | 4.5 |
| Total | 17,896 | 60.6 | 14,692 | 16.4 | 11,795 | 9.8 | 33,261 | 84.3 | 75,422 | 9.3 |
| Age | | | | | | | | | | |
| 0 - 11 Months | - | - | - | - | - | - | 0 | * | 24,613 | 7.9 |
| 12 - 23 Months | - | - | - | - | - | - | 0 | * | 14,922 | 9.5 |
| 24 - 35 Months | - | - | - | - | - | - | 13,268 | 87.3 | 13,186 | 9.9 |
| 36 - 47 Months | - | - | - | - | - | - | 10,364 | 82.0 | 11,718 | 9.9 |
| 48 - 59 Months | - | - | - | - | - | - | 9,629 | 82.6 | 10,983 | 10.8 |
| Total | 17,896 | 60.6 | 14,692 | 16.4 | 11,795 | 9.8 | 33,261 | 84.3 | 75,422 | 9.3 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ TV Viewing and Smoking in Household are not reported by all contributors.

⁽³⁾ Analyses based on one record per child.

⁽⁴⁾ Excludes records with unknown data or errors.

⁽⁵⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

⁽⁶⁾ Children aged 2 years and older included in the analysis

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Racial and Ethnic Distribution Children Aged < 5 Years (2)

| | Summary of Trends in Racial and Ethnic Distribution | | | | | | | | | | | | |
|------|---|-----------------------------|-----------------------------|---------------|--|--------------------------------|----------------|-----------------------------|--|--|--|--|--|
| Year | Number Included in Analysis (3) | White, Not Hispanic % | Black, Not Hispanic % | Hispanic % | American Indian/Alaska Native % | Asian/Pacific Islander % | Multiple Races | All Other / Unknown % | | | | | |
| 2010 | 79,424 | 61.9 | 8.3 | 21.9 | 0.4 | 1.6 | 5.1 | 0.8 | | | | | |
| 2009 | 81,605 | 62.0 | 8.1 | 22.2 | 0.4 | 1.5 | 4.9 | 0.8 | | | | | |
| 2008 | 78,172 | 61.8 | 8.1 | 22.7 | 0.4 | 1.3 | 4.8 | 0.9 | | | | | |
| 2007 | 74,984 | 61.7 | 8.1 | 22.8 | 0.3 | 1.3 | 4.7 | 1.0 | | | | | |
| 2006 | 72,143 | 61.6 | 7.7 | 22.8 | 0.1 | 1.3 | 3.8 | 2.7 | | | | | |
| 2005 | 66,475 | 72.3 | 8.8 | 16.2 | 0.7 | 2.0 | 0.0 | 0.0 | | | | | |
| 2004 | 67,276 | 73.1 | 8.8 | 15.4 | 0.7 | 2.0 | 0.0 | 0.0 | | | | | |
| 2003 | 69,455 | 74.9 | 8.1 | 14.3 | 0.5 | 2.1 | 0.0 | 0.0 | | | | | |
| 2002 | 64,106 | 75.8 | 8.4 | 13.4 | 0.6 | 1.9 | 0.0 | 0.0 | | | | | |
| 2001 | 62,299 | 76.6 | 8.4 | 12.6 | 0.6 | 1.8 | 0.0 | 0.0 | | | | | |
| 2000 | 61,001 | 77.5 | 8.3 | 11.8 | 0.6 | 1.9 | 0.0 | 0.0 | | | | | |
| 1999 | 63,327 | 78.9 | 7.8 | 10.7 | 0.6 | 2.0 | 0.0 | 0.0 | | | | | |
| 1998 | 66,580 | 80.1 | 7.6 | 9.7 | 0.6 | 2.1 | 0.0 | 0.0 | | | | | |
| 1997 | 66,575 | 80.8 | 7.8 | 8.8 | 0.5 | 2.1 | 0.0 | 0.0 | | | | | |
| 1996 | 85,076 | 80.7 | 8.5 | 8.1 | 0.6 | 2.1 | 0.0 | 0.0 | | | | | |
| 1995 | 92,976 | 82.5 | 8.1 | 6.8 | 0.5 | 2.1 | 0.0 | 0.0 | | | | | |
| 1994 | 60,495 | 82.9 | 8.7 | 5.7 | 0.6 | 2.1 | 0.0 | 0.0 | | | | | |
| 1993 | 63,749 | 84.7 | 8.2 | 4.6 | 0.6 | 1.9 | 0.0 | 0.0 | | | | | |
| 1992 | 63,266 | 85.8 | 8.0 | 3.7 | 0.7 | 1.8 | 0.0 | 0.0 | | | | | |



⁽¹⁾ Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with errors.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Racial and Ethnic Distribution Children Aged < 5 Years (2)

| | Summary of Trends in Racial and Ethnic Distribution | | | | | | | | | | | | |
|------|---|-----------------------------|-----------------------------|---------------|--|--------------------------------|----------------|-----------------------------|--|--|--|--|--|
| Year | Number Included in Analysis (3) | White, Not Hispanic % | Black, Not Hispanic % | Hispanic % | American Indian/Alaska Native % | Asian/Pacific Islander % | Multiple Races | All Other / Unknown % | | | | | |
| 1991 | 59,645 | 86.5 | 7.9 | 3.1 | 0.7 | 1.8 | 0.0 | 0.0 | | | | | |
| 1990 | 54,815 | 87.1 | 7.6 | 2.6 | 0.7 | 1.9 | 0.0 | 0.0 | | | | | |
| 1989 | 52,533 | 87.4 | 7.6 | 2.3 | 0.7 | 1.9 | 0.0 | 0.0 | | | | | |
| 1988 | 47,844 | 88.0 | 7.5 | 1.9 | 0.7 | 1.9 | 0.0 | 0.0 | | | | | |
| 1987 | 44,271 | 88.3 | 7.3 | 1.9 | 0.6 | 1.9 | 0.0 | 0.0 | | | | | |
| 1986 | 45,047 | 88.7 | 6.8 | 1.9 | 0.6 | 2.0 | 0.0 | 0.0 | | | | | |
| 1985 | 42,644 | 88.9 | 6.8 | 1.8 | 0.6 | 2.0 | 0.0 | 0.0 | | | | | |
| 1984 | 38,544 | 88.0 | 7.3 | 2.0 | 0.6 | 2.1 | 0.0 | 0.0 | | | | | |
| 1983 | 39,397 | 87.9 | 7.0 | 2.1 | 0.6 | 2.4 | 0.0 | 0.0 | | | | | |
| 1982 | 38,866 | 86.5 | 7.7 | 2.4 | 0.8 | 2.7 | 0.0 | 0.0 | | | | | |
| 1981 | 11,322 | 83.4 | 9.7 | 2.6 | 1.0 | 3.3 | 0.0 | 0.0 | | | | | |



⁽¹⁾ Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with errors.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Summary of Trends in Age Distribution Children Aged < 5 Years (2)

| | Summa | ary of Trends in Age | Distribution (3) | |
|------|--|----------------------|-------------------|-------------------|
| Year | Number Included in Analysis (4) | 0-11 Months % | 12-23 Months % | 24-59 Months % |
| 2010 | 79,424 | 34.9 | 19.2 | 45.9 |
| 2009 | 81,605 | 35.0 | 19.7 | 45.3 |
| 2008 | 78,172 | 36.3 | 19.7 | 44.0 |
| 2007 | 74,984 | 38.1 | 19.7 | 42.2 |
| 2006 | 72,143 | 38.9 | 18.4 | 42.7 |
| 2005 | 66,475 | 35.8 | 19.5 | 44.8 |
| 2004 | 67,276 | 34.9 | 19.5 | 45.6 |
| 2003 | 69,455 | 30.6 | 21.2 | 48.3 |
| 2002 | 64,106 | 35.7 | 19.5 | 44.7 |
| 2001 | 62,299 | 36.3 | 19.5 | 44.2 |
| 2000 | 61,001 | 36.6 | 19.3 | 44.1 |
| 1999 | 63,327 | 36.1 | 18.8 | 45.1 |
| 1998 | 66,580 | 35.7 | 18.8 | 45.5 |
| 1997 | 66,575 | 34.4 | 18.6 | 47.0 |
| 1996 | 85,076 | 33.2 | 19.5 | 47.3 |
| 1995 | 92,976 | 34.0 | 19.3 | 46.7 |
| 1994 | 60,495 | 33.7 | 19.0 | 47.3 |
| 1993 | 63,749 | 33.7 | 19.3 | 47.0 |

⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.



Page:

⁽³⁾ Records rejected if date of birth and date of visit unknown.

⁽⁴⁾ Excludes records with unknown data or errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Summary of Trends in Age Distribution Children Aged < 5 Years (2)

| | Summa | ary of Trends in Age | Distribution (3) | |
|------|--------------------------------|----------------------|------------------|--------------|
| Year | Number | 0-11 Months | 12-23 Months | 24-59 Months |
| | Included in Analysis (4) | % | % | % |
| 1992 | 63,266 | 34.3 | 19.7 | 46.0 |
| 1991 | 59,645 | 35.5 | 19.8 | 44.7 |
| 1990 | 54,815 | 35.2 | 19.5 | 45.3 |
| 1989 | 52,533 | 34.7 | 18.9 | 46.4 |
| 1988 | 47,844 | 34.0 | 19.5 | 46.5 |
| 1987 | 44,271 | 35.0 | 21.3 | 43.7 |
| 1986 | 45,047 | 35.7 | 21.6 | 42.7 |
| 1985 | 42,644 | 34.9 | 20.3 | 44.8 |
| 1984 | 38,544 | 35.6 | 21.3 | 43.1 |
| 1983 | 39,397 | 34.6 | 19.4 | 46.0 |
| 1982 | 38,866 | 31.9 | 19.5 | 48.6 |
| 1981 | 11,322 | 29.6 | 21.5 | 48.9 |



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⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.

⁽³⁾ Records rejected if date of birth and date of visit unknown.

⁽⁴⁾ Excludes records with unknown data or errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Growth and Anemia Indicators Children Aged < 5 Years (2)

| | Summary of Trends in Growth and Anemia Indicators (3) | | | | | | | | | | | |
|------|---|--------------|--------------|--------|-------------------------|-------------------------|-----------------------|--------|------------------------------|------------|-------------------|------|
| | В | irthweight (| 4) | | | Hei | ght and W | /eight | | | Anemia Low Hb/Hct | |
| Year | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | >_2 Yrs Overweight (6) | | (7) | |
| | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th-<95th | % ≥95th | Number | % |
| 2010 | 17,441 | 8.8 | 7.6 | 77,729 | 5.5 | 3.0 | 13.5 | 35,783 | 17.2 | 14.7 | 53,886 | 7.5 |
| 2009 | 18,130 | 8.2 | 8.1 | 79,717 | 5.5 | 2.8 | 14.1 | 36,225 | 17.5 | 15.0 | 56,001 | 8.0 |
| 2008 | 18,189 | 8.5 | 7.9 | 76,257 | 5.6 | 2.8 | 14.5 | 33,548 | 17.5 | 15.1 | 52,672 | 8.1 |
| 2007 | 18,272 | 8.1 | 8.1 | 73,138 | 5.6 | 3.0 | 13.9 | 31,071 | 17.5 | 14.9 | 49,377 | 8.9 |
| 2006 | 17,935 | 8.8 | 7.7 | 70,491 | 5.8 | 2.8 | 13.9 | 30,161 | 17.9 | 14.6 | 43,572 | 9.4 |
| 2005 | 15,219 | 8.1 | 8.2 | 65,022 | 5.7 | 2.8 | 14.1 | 29,114 | 17.1 | 14.2 | 40,151 | 9.7 |
| 2004 | 16,135 | 7.8 | 8.1 | 65,753 | 5.8 | 2.5 | 14.3 | 29,971 | 17.5 | 14.6 | 42,789 | 10.2 |
| 2003 | 12,891 | 7.5 | 8.7 | 68,032 | 5.8 | 2.5 | 14.1 | 32,913 | 17.7 | 13.9 | 35,173 | 10.0 |
| 2002 | 15,090 | 8.1 | 9.1 | 62,631 | 5.9 | 2.7 | 13.5 | 28,074 | 16.7 | 13.6 | 41,587 | 8.8 |
| 2001 | 14,851 | 7.9 | 9.3 | 60,806 | 5.6 | 2.9 | 13.2 | 27,027 | 16.8 | 13.2 | 40,550 | 9.0 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Growth and Anemia Indicators Children Aged < 5 Years (2)

| | Summary of Trends in Growth and Anemia Indicators (3) | | | | | | | | | | | |
|------|---|--------------|--------------|--------|-------------------------|-------------------------|-----------------------|--------|------------------------------|------------|---------------|------|
| | В | irthweight (| 4) | | | Hei | ght and W | /eight | | | Aneı Low H | - |
| Year | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | >_2 Yrs Overweight (6) | | (7 | |
| | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th-<95th | % ≥95th | Number | % |
| 2000 | 14,702 | 7.8 | 9.6 | 59,612 | 5.4 | 2.8 | 12.5 | 26,439 | 16.4 | 12.3 | 42,278 | 9.1 |
| 1999 | 14,806 | 7.4 | 9.8 | 61,904 | 5.2 | 3.0 | 11.9 | 27,970 | 15.8 | 11.6 | 45,234 | 8.9 |
| 1998 | 15,481 | 7.8 | 10.4 | 64,959 | 5.1 | 3.1 | 11.2 | 29,788 | 15.9 | 10.6 | 48,222 | 10.0 |
| 1997 | 15,192 | 7.5 | 9.9 | 55,311 | 5.3 | 3.4 | 11.4 | 26,195 | 15.8 | 10.7 | 48,067 | 10.2 |
| 1996 | 17,424 | 7.4 | 10.1 | 78,634 | 5.4 | 3.3 | 11.3 | 37,980 | 15.6 | 10.4 | 60,871 | 11.0 |
| 1995 | 19,987 | 7.3 | 9.8 | 91,046 | 5.2 | 3.0 | 10.7 | 42,824 | 15.0 | 9.6 | 65,710 | 11.6 |
| 1994 | 13,146 | 7.1 | 10.1 | 59,813 | 5.3 | 2.7 | 11.2 | 28,419 | 15.0 | 9.4 | 46,044 | 6.5 |
| 1993 | 13,824 | 7.5 | 10.2 | 63,098 | 5.4 | 2.6 | 11.0 | 29,792 | 14.9 | 9.1 | 49,301 | 5.0 |
| 1992 | 14,041 | 7.3 | 10.7 | 62,644 | 5.1 | 2.8 | 10.2 | 28,948 | 14.9 | 8.3 | 48,367 | 4.8 |
| 1991 | 13,958 | 7.3 | 10.3 | 59,052 | 5.1 | 3.2 | 9.1 | 26,461 | 13.8 | 7.5 | 45,718 | 5.4 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Growth and Anemia Indicators Children Aged < 5 Years (2)

| | Summary of Trends in Growth and Anemia Indicators (3) | | | | | | | | | | | |
|------|---|--------------|--------------|--------|-------------------------|-------------------------|-----------------------|--------|------------------------------|------------|-------------------|------|
| | В | irthweight (| 4) | | | Hei | ght and W | /eight | | | Anemia Low Hb/Hct | |
| Year | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | >_2 Yrs Overweight (6) | | (7) | |
| | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th-<95th | % ≥95th | Number | % |
| 1990 | 12,582 | 7.1 | 10.8 | 54,311 | 5.2 | 3.2 | 9.3 | 24,584 | 14.9 | 8.2 | 41,942 | 5.1 |
| 1989 | 12,087 | 7.2 | 10.4 | 52,034 | 5.5 | 3.3 | 9.2 | 24,195 | 14.7 | 7.9 | 41,153 | 4.6 |
| 1988 | 10,683 | 7.5 | 10.6 | 47,451 | 5.2 | 3.9 | 8.3 | 22,180 | 13.1 | 7.3 | 37,717 | 5.3 |
| 1987 | 10,166 | 7.0 | 10.8 | 43,890 | 5.5 | 3.9 | 8.7 | 19,249 | 13.3 | 7.5 | 34,139 | 6.4 |
| 1986 | 10,503 | 7.4 | 10.4 | 44,659 | 5.3 | 4.2 | 8.6 | 19,190 | 13.0 | 7.4 | 35,865 | 6.8 |
| 1985 | 9,690 | 7.4 | 10.4 | 42,263 | 5.5 | 3.8 | 8.3 | 18,992 | 14.0 | 7.2 | 33,853 | 6.9 |
| 1984 | 8,963 | 7.1 | 10.3 | 38,168 | 5.7 | 4.3 | 8.0 | 16,551 | 13.6 | 7.1 | 30,073 | 7.8 |
| 1983 | 8,920 | 7.4 | 10.4 | 38,976 | 5.7 | 4.7 | 8.0 | 17,940 | 13.2 | 6.8 | 31,321 | 8.6 |
| 1982 | 8,391 | 7.0 | 10.4 | 38,378 | 6.0 | 4.4 | 9.1 | 18,679 | 15.1 | 7.8 | 30,432 | 9.2 |
| 1981 | 2,994 | 7.7 | 9.4 | 11,180 | 6.3 | 4.2 | 9.6 | 5,482 | 16.1 | 8.4 | 8,682 | 10.6 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

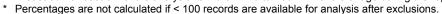
Percentages are not calculated if < 100 records are available for analysis after exclusions.

Summary of Trends in Breastfeeding Children Aged < 5 Years (2)

| | Sı | ımmary of | Trends ir | n Breastfe | eding (3) |) |
|------|--------|------------------------|-----------|--|-----------|---|
| | | | | etfeeding (4) | | |
| Year | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| 2010 | 17,896 | 60.6 | 14,692 | 16.4 | 11,795 | 9.8 |
| 2009 | 18,629 | 55.9 | 14,871 | 18.1 | 12,648 | 11.3 |
| 2008 | 18,572 | 61.2 | 14,633 | 20.0 | 12,273 | 11.7 |
| 2007 | 18,609 | 59.1 | 14,444 | 20.1 | 11,541 | 11.0 |
| 2006 | 0 | * | 0 | * | 0 | * |
| 2005 | 15,252 | 57.7 | 9,856 | 23.8 | 8,682 | 16.5 |
| 2004 | 16,169 | 56.7 | 10,496 | 24.1 | 9,680 | 16.5 |
| 2003 | 12,913 | 56.3 | 7,144 | 25.3 | 7,450 | 17.7 |
| 2002 | 15,117 | 55.7 | 9,640 | 23.2 | 8,927 | 16.8 |
| 2001 | 14,888 | 55.0 | 10,103 | 22.2 | 8,891 | 16.2 |

⁽¹⁾ Reporting period is January 1 through December 31.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.





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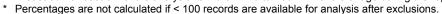
⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

Summary of Trends in Breastfeeding Children Aged < 5 Years (2)

| | Sı | ımmary of | Trends ir | Breastfe | eding (3) |) |
|------|--------|------------------------|-----------|--|-----------|---|
| | | | | etfeeding (4) | | |
| Year | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| 2000 | 14,721 | 52.9 | 10,198 | 21.1 | 8,467 | 14.4 |
| 1999 | 14,848 | 51.5 | 10,175 | 21.0 | 8,492 | 15.1 |
| 1998 | 15,506 | 50.7 | 10,801 | 18.9 | 8,691 | 13.4 |
| 1997 | 15,212 | 47.8 | 10,797 | 18.9 | 8,904 | 13.2 |
| 1996 | 14,392 | 46.8 | 9,476 | 17.6 | 7,414 | 11.7 |
| 1995 | 7,695 | 48.0 | 4,212 | 18.4 | 2,453 | 10.6 |

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.





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⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

Table 14C 2010 Pediatric Nutrition Surveillance lowa Children Aged < 5 Years

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This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.



Table 15C 2010 Pediatric Nutrition Surveillance lowa Children Aged < 5 Years

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This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.



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Growth Indicators by Race/Ethnicity and Age Children Aged < 5 Years (2)

| | G | rowth Inc | licators by F | Race/Ethn | icity and A | ge ⁽³⁾ | | | |
|-------------------------------|----------|-----------|---------------|-----------|-------------|-----------------------|---------------|-------------------------|------------|
| | Short St | | Underw (5) | | Obes (5) | е | <u>></u> : | 2 Yrs Overweight (5) | |
| | Number | % <5th | Number | % <5th | Number | % <u>></u> 95th | Number | % 85th - <95th | % ≥95th |
| White, Not Hispanic | | | | | | | | | |
| 0 - 11 Months | 17,381 | 8.1 | 17,381 | 4.6 | 17,381 | 10.0 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 9,299 | 5.9 | 9,299 | 2.0 | 9,299 | 15.6 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 21,703 | 3.7 | 21,703 | 2.6 | 21,703 | 13.1 | 21,703 | 17.0 | 13.1 |
| Total | 48,383 | 5.7 | 48,383 | 3.2 | 48,383 | 12.5 | 21,703 | 17.0 | 13.1 |
| Black, Not Hispanic | | | | | | | | | |
| 0 - 11 Months | 2,092 | 9.6 | 2,092 | 4.3 | 2,092 | 9.0 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 1,210 | 5.8 | 1,210 | 4.0 | 1,210 | 15.8 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 3,086 | 2.5 | 3,086 | 3.8 | 3,086 | 11.8 | 3,086 | 14.7 | 11.8 |
| Total | 6,388 | 5.4 | 6,388 | 4.0 | 6,388 | 11.7 | 3,086 | 14.7 | 11.8 |
| Hispanic | | | | | | | | | |
| 0 - 11 Months | 5,033 | 6.5 | 5,033 | 2.8 | 5,033 | 12.1 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 3,367 | 5.3 | 3,367 | 1.3 | 3,367 | 19.3 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 8,555 | 3.5 | 8,555 | 1.8 | 8,555 | 19.9 | 8,555 | 18.6 | 19.9 |
| Total | 16,955 | 4.8 | 16,955 | 2.0 | 16,955 | 17.5 | 8,555 | 18.6 | 19.9 |
| American Indian/Alaska Native | | | | | | | | | |
| 0 - 11 Months | 128 | 7.8 | 128 | 8.0 | 128 | 21.1 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 53 | * | 53 | * | 53 | * | 0 | * | * |
| 24 - 59 Months | 131 | 2.3 | 131 | 1.5 | 131 | 21.4 | 131 | 19.1 | 21.4 |
| Total | 312 | 4.5 | 312 | 1.0 | 312 | 23.4 | 131 | 19.1 | 21.4 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Growth Indicators by Race/Ethnicity and Age Children Aged < 5 Years (2)

| | G | Frowth Ind | licators by F | Race/Ethn | icity and Aç | ge ⁽³⁾ | | | |
|------------------------------|---------|------------|---------------|-----------|--------------|-----------------------|---------------|-------------------------|------------|
| | Short S | | Underw (5) | | Obese (5) | е | <u>></u> : | 2 Yrs Overweight (5) | |
| | Number | % <5th | Number | % <5th | Number | % <u>></u> 95th | Number | % 85th - <95th | % ≥95th |
| Asian/Pacific Islander | | | | | | | | | |
| 0 - 11 Months | 468 | 8.1 | 468 | 3.2 | 468 | 9.4 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 252 | 6.7 | 252 | 5.6 | 252 | 8.3 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 553 | 8.3 | 553 | 3.8 | 553 | 11.8 | 553 | 11.2 | 11.8 |
| Total | 1,273 | 7.9 | 1,273 | 3.9 | 1,273 | 10.2 | 553 | 11.2 | 11.8 |
| Multiple Races | | | | | | | | | |
| 0 - 11 Months | 1,353 | 8.4 | 1,353 | 4.3 | 1,353 | 10.4 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 829 | 4.2 | 829 | 2.2 | 829 | 18.8 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 1,747 | 3.1 | 1,747 | 2.3 | 1,747 | 14.2 | 1,747 | 18.3 | 14.2 |
| Total | 3,929 | 5.2 | 3,929 | 3.0 | 3,929 | 13.9 | 1,747 | 18.3 | 14.2 |
| All Other/Unknown | | | | | | | | | |
| 0 - 11 Months | 475 | 11.2 | 475 | 1.7 | 475 | 8.4 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 6 | * | 6 | * | 6 | * | 0 | * | * |
| 24 - 59 Months | 8 | * | 8 | * | 8 | * | 8 | * | * |
| Total | 489 | 11.0 | 489 | 1.8 | 489 | 8.2 | 8 | * | * |
| Total All Race/Ethnic Groups | | | | | | | | | |
| 0 - 11 Months | 26,930 | 8.0 | 26,930 | 4.1 | 26,930 | 10.3 | 0 | 0.0 | 0.0 |
| 12 - 23 Months | 15,016 | 5.7 | 15,016 | 2.1 | 15,016 | 16.6 | 0 | 0.0 | 0.0 |
| 24 - 59 Months | 35,783 | 3.6 | 35,783 | 2.5 | 35,783 | 14.7 | 35,783 | 17.2 | 14.7 |
| Total | 77,729 | 5.5 | 77,729 | 3.0 | 77,729 | 13.5 | 35,783 | 17.2 | 14.7 |

⁽¹⁾ Reporting period is January 1 through December 31.



⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Anemia Indicators by Race/Ethnicity and Age Children Aged < 5 Years (2)

| | A nemia | Indicators | by Race/Ethnicity and Age (3, 4) | | |
|-------------------------------|----------------|----------------------|----------------------------------|--------|----------------------|
| | | Anemia Low Hb/Hct | | | Anemia Low Hb/Hct |
| | Number | % | | Number | % |
| White, Not Hispanic | | | Asian/Pacific Islander | | |
| 6 - 11 Months | 3,586 | 11.8 | 6 - 11 Months | 112 | 17.0 |
| 12 - 17 Months | 6,626 | 8.0 | 12 - 17 Months | 187 | 12.8 |
| 18 - 23 Months | 3,306 | 7.1 | 18 - 23 Months | 75 | * |
| 24 - 35 Months | 7,574 | 6.4 | 24 - 35 Months | 200 | 10.0 |
| 36 - 59 Months | 11,906 | 3.5 | 36 - 59 Months | 301 | 7.3 |
| Total | 32,998 | 6.3 | Total | 875 | 11.7 |
| Black, Not Hispanic | | | Multiple Races | | |
| 6 - 11 Months | 393 | 22.9 | 6 - 11 Months | 228 | 12.3 |
| 12 - 17 Months | 811 | 18.6 | 12 - 17 Months | 566 | 9.5 |
| 18 - 23 Months | 440 | 23.9 | 18 - 23 Months | 337 | 15.1 |
| 24 - 35 Months | 1,003 | 19.3 | 24 - 35 Months | 594 | 10.9 |
| 36 - 59 Months | 1,818 | 11.8 | 36 - 59 Months | 1,004 | 6.1 |
| Total | 4,465 | 16.9 | Total | 2,729 | 9.5 |
| Hispanic | | | All Other/Unknown | | |
| 6 - 11 Months | 908 | 12.0 | 6 - 11 Months | 45 | * |
| 12 - 17 Months | 2,413 | 8.4 | 12 - 17 Months | 2 | * |
| 18 - 23 Months | 1,339 | 7.5 | 18 - 23 Months | 4 | * |
| 24 - 35 Months | 2,847 | 7.3 | 24 - 35 Months | 4 | * |
| 36 - 59 Months | 5,042 | 3.9 | 36 - 59 Months | 2 | * |
| Total | 12,549 | 6.5 | Total | 57 | * |
| American Indian/Alaska Native | | | Total All Race/Ethnic Groups | | |
| 6 - 11 Months | 31 | * | 6 - 11 Months | 5,303 | 12.6 |
| 12 - 17 Months | 35 | * | 12 - 17 Months | 10,640 | 9.1 |
| 18 - 23 Months | 31 | * | 18 - 23 Months | 5,532 | 9.2 |
| 24 - 35 Months | 44 | * | 24 - 35 Months | 12,266 | 8.0 |
| 36 - 59 Months | 72 | * | 36 - 59 Months | 20,145 | 4.5 |
| Total | 213 | 4.7 | Total | 53,886 | 7.5 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| Race/Ethnicity and Year | | E | Birthweight | (4) | | | Hei | ght and \ | Veight | | | Aner | mia |
|-------------------------|--|---|---|--|--|--|--|--|--|--|--|--|--|
| | | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | ≥ 2 Yrs Overweight (6) | | Low Hi | b/Hct |
| | | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th - <95th | % ≥ 95th | Number | % |
| White, Not Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 11,088 11,576 11,434 11,432 11,436 11,303 11,898 9,831 11,544 11,555 | 8.9 8.4 8.4 8.1 8.9 8.0 7.4 8.4 7.7 | 8.2 8.7 8.2 8.6 8.1 8.6 8.5 9.1 9.3 9.8 | 48,383 49,716 47,367 45,421 43,644 47,022 48,116 51,057 47,460 46,622 | 5.7 5.9 5.8 5.8 6.2 5.9 6.0 5.9 6.1 5.7 | 3.2 3.0 3.0 3.2 3.1 2.9 2.6 2.7 2.8 3.0 | 12.5 13.1 13.3 12.8 12.6 13.3 13.5 13.5 12.8 12.7 | 21,703 21,981 20,412 18,900 18,634 20,716 21,643 24,540 21,089 20,471 | 17.0 17.0 17.2 17.2 17.6 17.0 17.5 17.4 16.8 16.7 | 13.1 13.4 13.4 13.2 13.1 13.1 13.6 13.2 12.7 12.5 | 32,998 34,268 32,203 30,116 26,474 28,571 31,042 25,999 31,419 30,938 | 6.3 6.8 6.9 7.6 7.7 8.3 8.7 8.8 7.8 |
| Black, Not Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 1,372 1,409 1,386 1,438 1,317 1,297 1,489 1,037 1,233 1,191 | 12.4 12.3 11.5 11.8 11.2 12.0 10.4 10.6 9.4 13.0 | 4.2 4.2 4.0 4.8 4.2 4.3 4.7 5.0 6.3 5.4 | 6,388 6,440 6,138 5,868 5,419 5,711 5,771 5,500 5,227 5,091 | 5.4 5.2 5.4 5.9 5.6 6.1 5.7 5.6 6.1 5.8 | 4.0 3.8 3.5 3.3 3.5 3.7 3.4 3.2 3.7 3.4 | 11.7 11.8 12.3 12.2 12.5 12.9 12.9 13.2 12.6 12.2 | 3,086 3,065 2,840 2,561 2,436 2,625 2,694 2,734 2,411 2,395 | 14.7 15.5 15.4 15.5 15.6 15.1 16.1 16.8 14.8 16.6 | 11.8 11.0 11.4 10.8 12.2 12.3 12.2 11.9 12.2 11.9 | 4,465 4,599 4,298 3,999 3,500 3,567 3,671 2,943 3,419 3,325 | 16.9 18.3 17.0 18.7 20.7 18.8 18.3 17.4 15.0 15.4 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| Race/Ethnicity and Year | | E | Birthweight | (4) | | | Hei | ght and V | Veight | | | Aner | mia |
|-------------------------------|--|--|--|---|---|--|--|---|--|--|--|---|---|
| | | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | ≥ 2 Yrs Overweight (6) | | Low H | b/Hct |
| | | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % ≥ 95th | Number | % 85th - <95th | % <u>></u> 95th | Number | % |
| Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 3,281 3,467 3,673 3,735 3,506 2,213 2,273 1,615 1,869 1,732 | 6.8 6.0 8.2 6.8 7.0 6.0 5.8 6.3 5.2 5.7 | 7.3 8.7 8.0 7.9 8.1 8.7 9.3 9.0 10.1 9.6 | 16,955 17,684 17,219 16,622 16,018 10,544 10,092 9,671 8,395 7,627 | 4.8 4.5 4.7 4.8 4.7 4.4 4.5 4.7 4.8 | 2.0 1.9 2.0 2.1 1.8 1.8 1.4 1.3 1.6 | 17.5 18.1 18.5 17.9 18.0 18.8 19.1 18.7 18.7 | 8,555 8,765 8,121 7,630 7,370 5,029 4,892 4,901 3,944 3,555 | 18.6 19.3 19.2 19.1 19.6 18.7 18.9 20.2 17.6 18.1 | 19.9 20.3 20.7 20.3 19.3 20.5 20.7 19.4 19.9 18.4 | 12,549 13,302 12,689 12,086 10,782 6,914 6,960 5,328 5,796 5,361 | 6.5 7.3 7.5 8.4 9.6 10.6 11.8 10.6 9.8 9.6 |
| American Indian/Alaska Native | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 72 70 70 65 17 117 114 81 110 84 | * * * 8.5 4.4 * 4.5 | * * * * 12.0 7.9 * 15.5 * | 312 313 281 245 35 467 443 354 382 357 | 4.5 5.8 5.3 2.4 * 3.6 4.5 5.1 5.0 5.3 | 1.0 0.6 1.8 3.3 * 2.8 2.0 2.0 2.4 2.5 | 23.4 18.2 21.7 15.9 * 17.8 22.3 17.2 12.6 12.0 | 131 139 126 103 12 201 190 138 166 157 | 19.1 33.1 21.4 20.4 * 17.4 15.8 26.1 21.7 16.6 | 21.4 17.3 15.9 17.5 * 15.9 20.5 13.8 13.9 12.1 | 213 218 197 174 20 288 273 173 230 232 | 4.7 4.6 8.1 10.9 * 8.7 19.0 18.5 14.8 12.1 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| Race/Ethnicity and Year | | E | Birthweight | (4) | | | Hei | ght and V | Veight | | | A == == | :- |
|-------------------------|--|--|---|--|--|--|--|---|--|--|---|--|--|
| | | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | ≥ 2 Yrs Overweight (6) | | Ane Low H (7 | b/Hct |
| | | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % > 95th | Number | % 85th - <95th | % <u>></u> 95th | Number | % |
| Asian/Pacific Islander | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 303 272 264 243 246 289 361 327 334 289 | 10.6 6.3 8.7 9.9 12.2 12.1 5.3 9.2 8.1 7.3 | 2.3 2.9 3.8 3.7 3.3 3.8 4.7 4.3 3.3 3.1 | 1,273 1,166 1,028 982 929 1,278 1,331 1,450 1,167 1,109 | 7.9 7.5 7.7 7.0 7.5 8.8 7.3 7.8 7.2 6.2 | 3.9 3.8 3.7 4.3 3.8 4.2 3.9 3.7 3.4 3.6 | 10.2 9.8 11.4 11.8 10.5 9.6 11.1 10.4 9.8 10.1 | 553 517 454 406 396 543 552 600 464 449 | 11.2 13.2 13.0 10.8 11.4 12.9 14.3 15.2 14.0 | 11.8 10.8 11.7 14.0 10.9 7.4 11.4 11.0 12.1 10.0 | 875 807 706 655 607 811 843 730 723 694 | 11.7 10.4 11.2 10.8 11.7 13.4 15.2 14.9 12.0 13.5 |
| Multiple Races | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 860 921 876 865 779 0 0 0 | 9.4 9.9 7.6 7.9 11.2 | 7.0 5.9 9.0 8.2 5.5 * | 3,929 3,956 3,713 3,483 2,720 0 0 0 0 | 5.2 6.1 6.0 5.9 5.6 * | 3.0 2.6 2.3 2.7 3.1 * | 13.9 14.9 15.4 14.0 14.1 * | 1,747 1,748 1,588 1,463 1,109 0 0 0 | 18.3 17.7 17.2 17.8 17.0 * | 14.2 16.5 15.5 15.7 13.2 | 2,729 2,770 2,547 2,310 1,616 0 0 0 | 9.5 9.4 10.2 11.9 12.4 * |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| Race/Ethnicity and Year | | E | Birthweight | (4) | | | Hei | ght and \ | Veight | | | Anei | mia |
|------------------------------|--|--|--|---|--|---|---|--|--|--|--|--|--|
| | | | Low | High | | Short Stature (5) | Under- weight (6) | Obese (6) | | ≥ 2 Yrs Overweight (6) | | Low H | b/Hct |
| | | Number | % <2500 g | % >4000 g | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th - <95th | % <u>></u> 95th | Number | % |
| All Other/Unknown | 2010 2009 2008 2007 2006 2005 | 465 415 486 494 634 0 | 6.2 5.3 5.1 5.9 7.1 | 8.8 8.9 9.9 9.7 9.1 | 489 442 511 517 1,726 | 11.0 9.0 7.0 7.7 6.0 | 1.8 4.8 2.7 4.3 3.2 | 8.2 10.2 9.0 10.1 14.9 | 8 10 7 8 204 0 | * * * 25.0 * | * * * * 16.7 * | 57 37 32 37 573 | * * * 9.6 * |
| | 2004 2003 2002 2001 | 0 0 0 0 | * * * | * * * | 0 0 0 0 | * * * | * * * | * * * | 0 0 0 0 | * * * | * * * | 0 0 0 | * * * |
| Total All Race/Ethnic Groups | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 17,441 18,130 18,189 18,272 17,935 15,219 16,135 12,891 15,090 14,851 | 8.8 8.2 8.5 8.1 8.8 8.1 7.8 7.5 8.1 7.9 | 7.6 8.1 7.9 8.1 7.7 8.2 8.1 8.7 9.1 | 77,729 79,717 76,257 73,138 70,491 65,022 65,753 68,032 62,631 60,806 | 5.5 5.5 5.6 5.6 5.8 5.7 5.8 5.8 5.9 | 3.0 2.8 2.8 3.0 2.8 2.5 2.5 2.7 2.9 | 13.5 14.1 14.5 13.9 13.9 14.1 14.3 14.1 13.5 13.2 | 35,783 36,225 33,548 31,071 30,161 29,114 29,971 32,913 28,074 27,027 | 17.2 17.5 17.5 17.5 17.9 17.1 17.5 17.7 16.7 | 14.7 15.0 15.1 14.9 14.6 14.2 14.6 13.9 13.6 13.2 | 53,886 56,001 52,672 49,377 43,572 40,151 42,789 35,173 41,587 40,550 | 7.5 8.0 8.1 8.9 9.4 9.7 10.2 10.0 8.8 9.0 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the analysis.

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

⁽⁶⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.

⁽⁷⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Iowa

| s | ummary of Tren | ds in Brea | stfeeding In | dicators by | Race/Ethnic | ity (3) | |
|-------------------------|--|--|---|--|---|--|--|
| Race/Ethnicity and Year | | | | Brea | astfeeding (4) | | |
| | | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| White, Not Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 11,236 11,714 11,577 11,518 0 11,320 11,914 9,848 11,551 11,587 | 59.5 53.7 59.7 57.1 * 55.3 53.9 54.4 53.5 53.3 | 9,587 9,651 9,498 9,292 0 7,373 7,914 5,482 7,507 7,892 | 14.7 16.2 18.1 16.9 * 21.1 21.6 22.9 21.5 20.8 | 7,421 7,897 7,717 7,309 0 6,165 7,112 5,439 6,747 6,796 | 8.5 9.9 9.6 9.2 * 14.5 15.1 16.0 15.7 15.4 |
| Black, Not Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 1,412 1,455 1,402 1,451 0 1,306 1,499 1,044 1,238 1,194 | 49.2 48.1 48.1 46.5 * 46.7 45.3 43.5 46.9 44.4 | 1,139 1,069 1,085 1,099 0 734 793 480 701 706 | 17.0 15.1 17.2 17.2 * 17.0 17.5 20.2 15.8 16.9 | 965 1,006 938 923 0 816 818 622 732 735 | 10.5 9.1 11.9 10.5 * 11.2 10.5 13.2 11.2 11.0 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| Sum | mary of Tren | ds in Brea | stfeeding In | dicators by | Race/Ethnic | city (3) | |
|-------------------------------|--|--|---|--|---|--|---|
| Race/Ethnicity and Year | | | | Brea | astfeeding (4) | | |
| | | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| Hispanic | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 3,355 3,543 3,730 3,795 0 2,218 2,279 1,613 1,878 1,735 | 72.4 68.7 73.5 72.7 * 76.0 76.7 74.6 75.5 73.4 | 2,762 2,999 2,993 2,999 0 1,501 1,496 972 1,196 1,253 | 22.8 27.2 28.7 32.1 * 39.1 39.3 37.3 33.9 | 2,530 2,831 2,821 2,535 0 1,457 1,478 1,122 1,235 1,137 | 13.3 17.0 18.1 17.4 * 27.3 25.7 28.3 25.3 23.9 |
| American Indian/Alaska Native | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 73 72 74 65 0 120 114 81 114 84 | * * * 55.8 59.6 * 43.9 | 74 54 46 39 0 54 73 47 71 56 | * * * * * * * * * * | 44 46 43 31 0 63 60 60 42 53 | * * * * * * * * * |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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| S | ummary of Tren | ds in Brea | stfeeding In | dicators by | Race/Ethnic | ity ⁽³⁾ | |
|-------------------------|--|--|---|--|---|---|---|
| Race/Ethnicity and Year | | | | Bre | astfeeding (4) | | |
| | | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| Asian/Pacific Islander | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 312 277 266 243 0 288 363 327 336 288 | 73.7 64.3 68.0 65.4 * 62.2 66.9 63.3 56.0 57.3 | 254 220 179 186 0 194 220 163 165 196 | 31.5 27.7 27.9 29.6 * 34.0 38.6 39.9 27.3 23.5 | 205 210 147 165 0 181 212 207 171 | 24.9 17.6 18.4 15.8 * 23.8 23.6 19.3 19.9 17.6 |
| Multiple Races | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 880 937 880 865 0 0 0 0 | 51.6 50.4 55.7 54.1 * * | 746 729 702 705 0 0 0 0 | 9.2 9.6 12.4 13.2 * * | 624 646 600 569 0 0 0 0 | 5.4 5.0 5.5 5.3 * * |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Iowa

| Sun | nmary of Tren | ds in Brea | stfeeding In | dicators by | / Race/Ethnic | city (3) | |
|------------------------------|--|---|---|--|---|--|--|
| Race/Ethnicity and Year | | | | Brea | astfeeding (4) | | |
| | | Number | % Ever Breastfed | Number | % Breastfed At Least 6 Months | Number | % Breastfed At Least 12 Months |
| All Other/Unknown | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 628 631 643 672 0 0 0 0 | 50.5 47.2 49.1 49.0 * | 130 149 130 124 0 0 0 0 | 10.0 13.4 10.0 16.1 * | 6 12 7 9 0 0 0 0 | * * * * * * * * * |
| Total All Race/Ethnic Groups | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 17,896 18,629 18,572 18,609 0 15,252 16,169 12,913 15,117 14,888 | 60.6 55.9 61.2 59.1 * 57.7 56.7 56.3 55.7 55.0 | 14,692 14,871 14,633 14,444 0 9,856 10,496 7,144 9,640 10,103 | 16.4 18.1 20.0 20.1 * 23.8 24.1 25.3 23.2 22.2 | 11,795 12,648 12,273 11,541 0 8,682 9,680 7,450 8,927 8,891 | 9.8 11.3 11.7 11.0 * 16.5 16.5 17.7 16.8 16.2 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

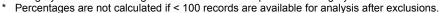
^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Summary of Trends in Growth Indicators by Age Children Aged < 5 Years (2)

| | | | | Su | mmary | of Tren | ds in G | rowth Indicators | by Ag | e (3) | | | | | |
|----------------|------------------|-------------------------|-------------------------|--------------|--------|------------------------------|------------|------------------|------------------|-------------------------|-------------------------|-----------------------|------------------|------------------------------|-----------------------|
| Age and Year * | | | Heigh | nt and V | Veight | | | Age and Year * | | | Heig | ht and V | Veight | | |
| | | Short Stature (4) | Under- weight (5) | Obese (5) | | ≥ 2 Yrs Overweight (5) | | | | Short Stature (4) | Under- weight (5) | Obese (5) | | ≥ 2 Yrs Overweight (5) | |
| | Number | % <5th | % <5th | % _>95th | Number | % 85th-<95th | % ≥95th | | Number | % <5th | % <5th | % <u>></u> 95th | Number | % 85th-<95th | % <u>></u> 95th |
| 0 - 11 Months | | | | | | | | 24 - 35 Months | | | | | | | |
| 2010 | 26,930 | 8.0 | 4.1 | 10.3 | 0 | * | * | 2010 | 13,242 | 3.9 | 2.8 | 12.1 | 13,242 | 16.2 | 12.1 |
| 2009 2008 | 27,445 27,335 | 7.9 8.0 | 4.0 4.2 | 11.2 11.5 | 0 | * | * | 2009 2008 | 13,619 12,781 | 3.8 3.6 | 2.4 2.3 | 13.2 13.4 | 13,619 12,781 | 17.2 16.7 | 13.2 13.4 |
| 2007 | 27,515 | 7.9 | 4.4 | 10.8 | 0 | * | * | 2007 | 11,564 | 3.8 | 2.2 | 13.4 | 11,564 | 17.1 | 13.4 |
| 2006 | 27,206 | 7.9 | 4.0 | 11.2 | 0 | * | * | 2006 | 11,166 | 4.1 | 2.2 | 12.7 | 11,166 | 17.4 | 12.7 |
| 2005 | 23,088 | 8.1 | 3.7 | 12.2 | 0 | * | * | 2005 | 10,771 | 4.0 | 2.5 | 12.3 | 10,771 | 16.8 | 12.3 |
| 2004 | 22,696 | 8.3 | 3.3 | 11.9 | 0 | * | * | 2004 | 11,045 | 4.5 | 2.4 | 13.2 | 11,045 | 16.7 | 13.2 |
| 2003 | 20,612 | 8.0 | 3.1 | 12.3 | 0 | * | * | 2003 | 12,747 | 4.7 | 2.4 | 12.5 | 12,747 | 17.1 | 12.5 |
| 2002 | 22,203 | 8.4 | 3.3 | 11.6 | 0 | * | * | 2002 | 10,451 | 4.5 | 2.6 | 11.9 | 10,451 | 16.4 | 11.9 |
| 2001 | 21,886 | 7.7 | 3.5 | 11.6 | 0 | * | * | 2001 | 10,118 | 4.0 | 2.7 | 11.6 | 10,118 | 15.7 | 11.6 |
| 12 - 23 Months | | | | | | | | 36 - 47 Months | | | | | | | |
| 2010 | 15,016 | 5.7 | 2.1 | 16.6 | 0 | * | * | 2010 | 11,560 | 3.6 | 2.4 | 15.5 | 11,560 | 17.2 | 15.5 |
| 2009 | 16,047 | 5.8 | 1.8 | 17.2 | 0 | * | * | 2009 | 11,870 | 3.7 | 2.3 | 15.7 | 11,870 | 17.2 | 15.7 |
| 2008 | 15,374 | 5.5 | 1.6 | 18.5 | 0 | * | * | 2008 | 10,770 | 4.2 | 2.4 | 15.9 | 10,770 | 17.5 | 15.9 |
| 2007 | 14,552 | 5.3 | 1.9 | 17.8 | 0 | * | * | 2007 | 10,070 | 3.8 | 2.3 | 15.5 | 10,070 | 17.6 | 15.5 |
| 2006 | 13,124 | 5.5 | 1.9 | 18.0 | 0 | * | * | 2006 | 9,766 | 4.2 | 2.2 | 15.1 | 9,766 | 17.8 | 15.1 |
| 2005 | 12,820 | 5.3 | 2.0 | 17.1 | 0 | * | * | 2005 | 9,641 | 4.2 | 2.9 | 15.2 | 9,641 | 16.3 | 15.2 |
| 2004 | 13,086 | 5.0 | 1.7 | 17.9 | 0 | * | * | 2004 | 9,796 | 4.2 | 2.5 | 15.0 | 9,796 | 17.4 | 15.0 |
| 2003 | 14,507 | 5.4 | 2.1 | 17.2 | 0 | * | * | 2003 | 11,203 | 4.7 | 2.3 | 14.4 | 11,203 | 17.7 | 14.4 |
| 2002 | 12,354 | 5.2 | 2.0 | 16.6 | 0 | * | * | 2002 | 9,273 | 4.6 | 2.7 | 14.0 | 9,273 | 16.8 | 14.0 |
| 2001 | 11,893 | 4.8 | 2.0 | 16.1 | 0 | ^ | î | 2001 | 8,843 | 4.4 | 2.9 | 13.6 | 8,843 | 17.4 | 13.6 |

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.





⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

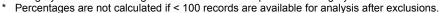
⁽⁴⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

Summary of Trends in Growth Indicators by Age Children Aged < 5 Years (2) Page: 33 Run Date: 3 / 29 / 11

| Summary of Trends in 6 | | | | | | | | |
|------------------------|-------------------|-------------------------|-------------------------|--------------|--------|------------------------------|-------|--|
| Age and Year * | Height and Weight | | | | | | | |
| | | Short Stature (4) | Under- weight (5) | Obese (5) | | ≥ 2 Yrs Overweight (5) | | |
| | Number | % | % | % | Number | % | % | |
| | | <5th | <5th | _>95th | | 85th-<95th | ≥95th | |
| 48 - 59 Months | | | | | | | | |
| 2010 | 10,981 | 3.2 | 2.3 | 16.9 | 10,981 | 18.3 | 16.9 | |
| 2009 | 10,736 | 3.3 | 2.1 | 16.6 | 10,736 | 18.0 | 16.6 | |
| 2008 | 9,997 | 3.1 | 1.9 | 16.4 | 9,997 | 18.5 | 16.4 | |
| 2007 | 9,437 | 3.8 | 2.3 | 16.0 | 9,437 | 17.9 | 16.0 | |
| 2006 | 9,229 | 3.8 | 2.1 | 16.3 | 9,229 | 18.5 | 16.3 | |
| 2005 | 8,702 | 3.8 | 2.3 | 15.5 | 8,702 | 18.2 | 15.5 | |
| 2004 | 9,130 | 3.9 | 2.1 | 15.9 | 9,130 | 18.6 | 15.9 | |
| 2003 | 8,963 | 4.0 | 2.4 | 15.4 | 8,963 | 18.6 | 15.4 | |
| 2002 | 8,350 | 3.9 | 2.7 | 15.4 | 8,350 | 17.2 | 15.4 | |
| 2001 | 8,066 | 4.3 | 2.6 | 14.8 | 8,066 | 17.7 | 14.8 | |
| Total All Age Groups | | | | | | | | |
| 2010 | 77,729 | 5.5 | 3.0 | 13.5 | 35,783 | 17.2 | 14.7 | |
| 2009 | 79,717 | 5.5 | 2.8 | 14.1 | 36,225 | 17.5 | 15.0 | |
| 2008 | 76,257 | 5.6 | 2.8 | 14.5 | 33,548 | 17.5 | 15.1 | |
| 2007 | 73,138 | 5.6 | 3.0 | 13.9 | 31,071 | 17.5 | 14.9 | |
| 2006 | 70,491 | 5.8 | 2.8 | 13.9 | 30,161 | 17.9 | 14.6 | |
| 2005 | 65,022 | 5.7 | 2.8 | 14.1 | 29,114 | 17.1 | 14.2 | |
| 2004 | 65,753 | 5.8 | 2.5 | 14.3 | 29,971 | 17.5 | 14.6 | |
| 2003 | 68,032 | 5.8 | 2.5 | 14.1 | 32,913 | 17.7 | 13.9 | |
| 2002 | 62,631 | 5.9 | 2.7 | 13.5 | 28,074 | 16.7 | 13.6 | |
| 2001 | 60,806 | 5.6 | 2.9 | 13.2 | 27,027 | 16.8 | 13.2 | |
| | | | | | | | | |

| Growth Indicators by Age (3) | | | | | | | | | | |
|------------------------------|----------------|-------------------|-------------------------|-------------------------|--------------|--------|------------------------------|-----------------------|--|--|
| | Age and Year * | Height and Weight | | | | | | | | |
| | | | Short Stature (4) | Under- weight (5) | Obese (5) | (| ≥ 2 Yrs Overweight (5) | | | |
| | | Number | % <5th | % <5th | % ≥ 95th | Number | % 85th-<95th | % <u>></u> 95th | | |

⁽⁵⁾ Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and >= 95th percentile category identifies obese children.





⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

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Summary of Trends in Anemia by Age Children Aged < 5 Years (2)

| | | Summ | ary of Tr | s in Anemia by Age | 9 (3) | | |
|----------------|--------------|--------------------------|--------------|--------------------|--------------|--------------------------|--------------|
| Age and Year | | Anemia Low Hb/Hct (4) | | Age and Year | | Anemia Low Hb/Hct (4) | |
| | | Number | % | | | Number | % |
| 6 - 11 Months | | | | 18 - 23 Months | | | |
| o i i Montiis | 2010 | 5,303 | 12.6 | 20 1001101 | 2010 | 5,532 | 9.2 |
| | 2009 | 5,539 | 12.6 | | 2009 | 6,332 | 9.3 |
| | 2008 | 5,285 | 12.4 | | 2008 | 6,326 | 8.6 |
| | 2007 | 5,428 | 13.3 | | 2007 | 5,668 | 9.6 |
| | 2006 | 5,322 | 13.3 | | 2006 | 4,519 | 11.4 |
| | 2005 | 4,249 | 12.2 | | 2005 | 4,594 | 11.0 |
| | 2004 2003 | 4,478 4,552 | 13.4 11.5 | | 2004 2003 | 4,813 4,504 | 11.4 11.0 |
| | 2003 | 6,406 | 10.2 | | 2003 | 4,704 | 9.7 |
| | 2001 | 6,351 | 12.2 | | 2001 | 4,246 | 10.5 |
| 12 - 17 Months | | | | 24 - 35 Months | | | |
| | 2010 | 10,640 | 9.1 | | 2010 | 12,266 | 8.0 |
| | 2009 | 11,237 | 9.5 | | 2009 | 12,717 | 8.7 |
| | 2008 | 10,811 | 10.1 | | 2008 | 11,836 | 8.9 |
| | 2007 | 10,240 | 11.3 | | 2007 | 10,790 | 9.2 |
| | 2006 | 8,070 | 11.8 | | 2006 | 9,737 | 10.0 |
| | 2005 | 7,456 | 12.9 | | 2005 | 9,054 | 10.6 |
| | 2004 | 7,868 | 13.5 | | 2004 | 9,777 | 11.2 |
| | 2003 | 6,081 | 11.9 | | 2003 2002 | 7,816 | 11.8 |
| | 2002 2001 | 6,758 6,649 | 11.1 10.5 | | 2002 | 8,995 9,403 | 10.3 9.8 |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

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Anemia Low Hb/Hct (4)

%

7.5

8.0

8.1

8.9

9.4

9.7

10.2

10.0

8.8

9.0

Number

53,886

56,001

52,672

49,377

43,572

40,151

42,789

35,173

41,587

40,550

35

Summary of Trends in Anemia by Age Children Aged < 5 Years (2)

| | | Summa | ary of Tr | ends in | Anemia by Age ⁽³⁾ |
|-------------------|--|--|--|---------|---|
| Age and Year | | Anemia Low Hb/Hct (4) | | | Age and Year |
| | | Number | % | | |
| 36 - 59 Months | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 20,145 20,176 18,414 17,251 15,924 14,798 15,853 12,220 14,724 13,901 | 4.5 5.1 5.0 5.8 6.1 6.4 6.7 6.9 5.9 5.8 | | Total All Age Groups 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 |
| All Other/Unknown | 2010 2009 2008 2007 2006 2005 2004 2003 2002 2001 | 0 0 0 0 0 0 0 | * * * * * * * * * * | | |



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.